

Search for 08/942,368

(FILE 'USPAT' ENTERED AT 09:31:34 ON 30 OCT 1998)

L1 428736 S SENSITIV? OR SUSCEPTIB?
L2 69149 S (MICRO ORGANISM) OR MICROORGANISM OR BACTERIA
L3 28458 S COLI OR KLEBSIELLA OR ENTEROBACTER OR PROTEUS OR MORGANE
LLA
L4 876 S AMOXICILLIN OR CLAVULANIC OR ENROFLOXACIN
L5 2730 L1 (5A) L2
L6 6 L5 (10A) L4

=> d kwic 1-6

US PAT NO: 5,523,288 [IMAGE AVAILABLE]

L6: 1 of 6

DETD(163)

TABLE 14A

MICROSCAN MIC PLUS TYPE 2 ANTIBIOTIC

SUSCEPTIBILITY RANGES FOR

GRAM-NEGATIVE BACTERIA

MIC (.mu.g/ml)

Antibiotic	Resistant	Intermediate	Susceptible
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Amoxicillin/K-

.gtoreq.32/16	16/8	.ltoreq.8/4
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Clavulanate

Ampicillin/Sulbactam

.gtoreq.32/16	16/8	.ltoreq.8/4
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US PAT NO: 4,582,829 [IMAGE AVAILABLE]

L6: 2 of 6

BSUM(43)

A . . . the antibacterial effectiveness of the amoxicillin. Thus the compounds of the formula II will find use in the control of **bacteria** which are **susceptible** to a 1:1 mixture of **amoxicillin** and a compound of formula W.sup.1 --C(.dbd.O)--OH, e.g. susceptible strains of *Escherichia coli* and *Staphylococcus aureus*.

US PAT NO: 4,540,687 [IMAGE AVAILABLE]

L6: 3 of 6

BSUM(42)

A . . . the antibacterial effectiveness of the amoxicillin. Thus the compounds of the formula II will find use in the control of **bacteria** which are **susceptible** to a 1:1 mixture of **amoxicillin** and a compound of formula W.sup.1 --C(.dbd.O)--OH, e.g. susceptible strains of *Escherichia coli* and *Staphylococcus aureus*.

US PAT NO: 4,462,934 [IMAGE AVAILABLE]

L6: 4 of 6

BSUM(40)

Formula . . . it increases the antibacterial effectiveness of the amoxicillin. Thus, compounds of formula I will find use in the control of **bacteria** which are **susceptible** to an approximately equimolar mixture of **amoxicillin** and a beta-lactamase inhibitor, for example a 1:1 mixture of amoxicillin and sulbactam for the compound wherein each of X. . .

US PAT NO: 4,434,173 [IMAGE AVAILABLE]

L6: 5 of 6

BSUM(35)

A . . . effectiveness of the ampicillin or amoxicillin. Thus the compounds of the formula I will find use in the control of **bacteria** which are **susceptible** to a 1:1 mixture of ampicillin and sulbactam, or **amoxicillin** and sulbactam, e.g. susceptible strains of *Escherichia coli* and *Staphylococcus aureus*.

US PAT NO: 4,359,472 [IMAGE AVAILABLE]

L6: 6 of 6

BSUM(45)

A . . . to 6-(2-amino-2-phenylacetamido)penicillanic acid (ampicillin) and sulbactam. Thus, the compounds of the formula (I) will find use in the control of **bacteria** which are **susceptible** to a 1:1 mixture of **amoxicillin** and sulbactam or ampicillin and sulbactam, e.g. susceptible strains of *Escherichia coli* and *Staphylococcus aureus*.

L7 950 L1 (5A) L3
L8 37186 ANTIBIOTIC OR ANTIMICROB?
L9 99 L7 (10A) L8
L10 437728 MEDIUM OR MEDIA
L11 3 L7 (10A) L4

=> d kwic 1-3

US PAT NO: 5,814,632 [IMAGE AVAILABLE]

L11: 1 of 3

BSUM(33)

Amoxicillin . . . inhibition of cell wall synthesis, and is applied to various infectious diseases caused by *Escherichia coli*, *Haemophilus influenzae*, *haemolytic streptococcus*, **staphylococcus** and the like, which are **sensitive** to **amoxicillin**.

US PAT NO: 4,434,173 [IMAGE AVAILABLE]

L11: 2 of 3

BSUM(35)

A . . . will find use in the control of bacteria which are susceptible to a 1:1 mixture of ampicillin and sulbactam, or **amoxicillin** and sulbactam, e.g. **susceptible** strains of *Escherichia coli* and *Staphylococcus aureus*.

US PAT NO: 4,359,472 [IMAGE AVAILABLE]

L11: 3 of 3

BSUM(45)

A . . . of the formula (I) will find use in the control of bacteria which are susceptible to a 1:1 mixture of **amoxicillin** and sulbactam

or ampicillin and sulbactam, e.g. **susceptible** strains of *Escherichia coli* and *Staphylococcus aureus*.

L12 14 ENROFLOXACIN
L13 0 L3 (10A) L12
L14 0 L2 (10A) L12
L15 4 L2 (P) L12

=> d kwic 1-4

US PAT NO: 5,753,269 [IMAGE AVAILABLE] L15: 1 of 4

DETD(15)

For the purpose of comparison, the **Enrofloxacin** was also combined with clotrimazole. Clotrimazole has antifungal activity but essentially no activity on **bacteria**. The same series of pathogens were used to evaluate both antimicrobial combinations. FIC data from the study indicating response observed. . .

US PAT NO: 5,722,342 [IMAGE AVAILABLE] L15: 2 of 4

BSUM(29)

The . . . critical, and may be any of those conventionally employed for combatting bacterial infections in birds or active against human enteropathogenic **bacteria**. Preferred are antibiotics used for combatting *Salmonella* (e.g., *Salmonella typhimurium*) or *Escherichia coli* infections in birds, such as the aminoglycoside-aminocyclitols, . . . Neomycin, Paramomycin, Lividomycin, Ribostamycin, Butirosin, Streptomycin, Spectinomycin, and Apramycin. Exemplary quinolone antibiotics include, but are not limited to, Binfloxacin, Ciprofloxacin, **Enrofloxacin**, Norfloxacin, Pefloxacin, Amifloxacin, Pirlfloxacin, Ofloxacin, Fleroxacin, Lemefloxacin, Danafloxacin, Difloxacin, Sarafloxacin, and Nalidixic Acid. A preferred quinolone antibiotic is **enrofloxacin**.

US PAT NO: 5,659,038 [IMAGE AVAILABLE] L15: 3 of 4

BSUM(245)

Table 3 lists MIC values of compounds according to the invention against **microorganisms** which are specific to veterinary medicine. The comparison compound shown in this case is **enrofloxacin** (ENRO), which is a therapeutic used in veterinary medicine.

US PAT NO: 5,578,604 [IMAGE AVAILABLE] L15: 4 of 4

BSUM(264)

Table 3 lists MIC values of compounds according to the invention against **microorganisms** which are specific to veterinary medicine. The comparison compound shown in this case is **enrofloxacin** (ENRO), which is a therapeutic used in veterinary medicine.

	Type	Hits	Search Text	DBs
1	BRS	19	uropathogen	USPAT; EPO; JPO; Derwent
2	BRS	15872	urinary	USPAT; EPO; JPO; Derwent
3	BRS	4810	(INJECTION OR INFECTIVE)	USPAT; EPO; JPO; Derwent
4	BRS	94597	((INJECTION OR INFECTIVE)) OR INFECTION	USPAT; EPO; JPO; Derwent
5	BRS	34103	pathogen\$2	USPAT; EPO; JPO; Derwent
6	BRS	95824	microorganism	USPAT; EPO; JPO; Derwent
7	BRS	1132886	medium	USPAT; EPO; JPO; Derwent
8	BRS	345575	selective	USPAT; EPO; JPO; Derwent
9	BRS	73	uropathogenic	USPAT; EPO; JPO; Derwent
10	BRS	82	((UROPATHOGEN) OR (UROPATHOGENIC))	USPAT; EPO; JPO; Derwent
11	BRS	7777	((SELECTIVE) NEAR5 (MEDIUM))	USPAT; EPO; JPO; Derwent
12	BRS	1	((UROPATHOGEN) OR (UROPATHOGENIC)) SAME ((SELECTIVE) NEAR5 (MEDIUM)))	USPAT; EPO; JPO; Derwent
13	BRS	10	((UROPATHOGEN) OR (UROPATHOGENIC)) SAME (MEDIUM))	USPAT; EPO; JPO; Derwent
14	BRS	2490	((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION))	USPAT; EPO; JPO; Derwent
15	BRS	100	((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)) SAME (MEDIUM))	USPAT; EPO; JPO; Derwent
16	BRS	2	((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)) SAME ((SELECTIVE) NEAR5 (MEDIUM)))	USPAT; EPO; JPO; Derwent
17	BRS	20	((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)) NEAR7 (MEDIUM))	USPAT; EPO; JPO; Derwent

	Time Stamp	Comments	Error Definition	Errors
1	2000/06/28 09:34			0
2	2000/06/27 14:23			0
3	2000/06/27 14:24			0
4	2000/06/27 14:24			0
5	2000/06/27 14:24			0
6	2000/06/27 14:24			0
7	2000/06/28 09:35			0
8	2000/06/27 14:29			0
9	2000/06/27 14:31			0
10	2000/06/27 14:31			0
11	2000/06/27 14:32			0
12	2000/06/27 14:36			0
13	2000/06/27 14:44			0
14	2000/06/27 14:45			0
15	2000/06/27 14:45			0
16	2000/06/27 14:47			0
17	2000/06/27 14:47			0

	Type	Hits	Search Text	DBs
18	BRS	20	(((((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)))) NEAR7 (MEDIUM))) NOT (((((UROPATHOGEN) OR (UROPATHOGENIC)))) SAME (MEDIUM)))	USPAT; EPO; JPO; Derwent
19	BRS	19	(((((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)))) NEAR7 (MEDIUM))) NOT (((((URINARY) NEAR5 (((INJECTION OR INFECTIVE)) OR INFECTION)))) SAME (((SELECTIVE) NEAR5 (MEDIUM)))))	USPAT; EPO; JPO; Derwent
20	BRS	113288 6	medium	USPAT; EPO; JPO; Derwent
21	BRS	1511	urogenital	USPAT; EPO; JPO; Derwent
22	BRS	168072 8	specific	USPAT; EPO; JPO; Derwent
23	BRS	345575	selective	USPAT; EPO; JPO; Derwent
24	BRS	189855 1	((SELECTIVE) OR (SPECIFIC))	USPAT; EPO; JPO; Derwent
25	BRS	23284	((((SELECTIVE) OR (SPECIFIC))) NEAR5 (MEDIUM))	USPAT; EPO; JPO; Derwent
26	BRS	1	((UROGENITAL) SAME (((((SELECTIVE) OR (SPECIFIC))) NEAR5 (MEDIUM)))))	USPAT; EPO; JPO; Derwent
27	BRS	9	abdon.in.	USPAT; EPO; JPO; Derwent
28	BRS	82	uropathogen\$7	USPAT; EPO; JPO; Derwent
29	BRS	236	bacteriuria	USPAT; EPO; JPO; Derwent
30	BRS	1	((UROPATHOGEN\$7) SAME (((((SELECTIVE) OR (SPECIFIC))) NEAR5 (MEDIUM)))))	USPAT; EPO; JPO; Derwent
31	BRS	0	(BACTERIURIA) same (((((SELECTIVE) OR (SPECIFIC))) NEAR5 (MEDIUM)))))	USPAT; EPO; JPO; Derwent
32	BRS	35	((BACTERIURIA) AND (((((SELECTIVE) OR (SPECIFIC))) NEAR5 (MEDIUM)))))	USPAT; EPO; JPO; Derwent

	Time Stamp	Comments	Error Definition	Errors
18	2000/06/27 14:47			0
19	2000/06/27 14:47			0
20	2000/06/28 09:38			0
21	2000/06/28 09:38			0
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27	2000/06/28 09:45			0
28	2000/06/28 09:45			0
29	2000/06/28 09:45			0
30	2000/06/28 09:46			0
31	2000/06/28 09:46			0
32	2000/06/28 09:59			0